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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/039,577	10/26/2001	Gregory A. Wong	6541-60665	2254
24197	7590	06/15/2005	EXAMINER	
KLARQUIST SPARKMAN, LLP			LE, DANH C	
121 SW SALMON STREET			ART UNIT	
SUITE 1600			PAPER NUMBER	
PORTLAND, OR 97204			2683	

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/039,577		WONG, GREGORY A.	
	Examiner		Art Unit	
	DANH C LE		2683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 January 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7,9 and 11-13 is/are rejected.
- 7) ☒ Claim(s) 8,10,14 and 22 is/are objected to.
- 8) ☒ Claim(s) 15-20 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/11/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of claims 1-14, 21, 22 in the reply filed on 1/13/05 is acknowledged. The traversal is on the ground(s) that different claims use different language. This is not found persuasive because Group I includes claims 1-14, 21, 22 recites on registration and allocation resource on different location, class 455, subclass 456.3 and Group II recites registration and assignment resource to registry system, class 455, subclass 435.1. Therefore, Group I and II are distinct from each other and they are show to be separately utility.

The requirement is still deemed proper and is therefore made FINAL.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 3/11/05 has been considered by the examiner and made of record in the application file.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-4, 11, 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Tayloe (US 5,918,175).**

As to claim 1, Tayloe teaches a method (figure 7) comprising:

selecting a registration resource at a first location (700);

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assigning the registration resource to a customer at a second location (730), and releasing the registration resource at the second location independently of the first location (figure 4, step 412).

As to claim 2, Tayloe teaches the method of claim 1 further comprising:
the first location causing the assigning of the registration resource at the second location (figure 7).

As to claim 3, Tayloe teaches the method of claim 2 further comprising:
the second location communicating an error to the first location when a selected registration resource is already assigned (figure 4, step 408).

As to claim 4, Tayloe teaches the method of claim 1 further comprising:
releasing the registration resource in response to assignment of a service resource to the customer (step 414, 416).

As to claim 11, Tayloe teaches a system (figure 7) comprising:
a provisioning system (700) comprising a set of registration resources (702);
a registry system (730) comprising a customer registry (736) and a list of assigned (available resources) and otherwise unavailable registration resources;

wherein the provisioning system selects a registration resource independently of the registry system, the registry system assigns the registration resource to a customer in response to a request from the provisioning system, provided that the registration resource is not identified in the list of assigned and otherwise unavailable registration resources, and the registry system releases the registration resource independently of

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the provisioning system upon receiving an indication that the customer selected a service plan (figure 4, steps 400-418).

As to claim 12, Tayloe teaches the system of claim 11, the registry further comprising: an association of a customer number and the registration resource (figure 4, steps 400-418).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5, 7, 9, 13 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tayloe in view of Sawyer (US 5,920,814).

As to claim 5, Tayloe teaches a method (figure 4) comprising:
at a first location, selecting a first registration MSISDN number from a set;
communicating the first registration MSISDN number to a second location;
communicating a first request to the second location to assign the first
registration MSISDN to a customer;

receiving an error from the second location indicating that the assignment failed;
Retry communication until resource is assigned to the customer.

Tayloe fails to teach at the first location, selecting a second registration MSISDN number, communicating the second registration MSISDN number to the second location and communicating a second request to the second location to assign the second

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registration MSISDN to the customer. Sawyer teaches at the first location, selecting a second registration MSISDN number, communicating the second registration MSISDN number to the second location and communicating a second request to the second location to assign the second registration MSISDN to the customer (col.2, lines 46-65). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Sawyer into the system of Tayloe in order to manage temporary mobile station identity parameters in a radio telecommunications network.

As to claim 7, the combination of Tayloe and Sawyer teaches the method of claim 5 further comprising the second location assigning the second registration MSISDN to the customer and the second location releasing the assignment of the second registration MSISDN independently of the first location (Tayloe, figure 7 and Sawyer, col.2, lines 46-65).

As to claim 9, Tayloe teaches a method (figure 4) comprising:

receiving at a second location a first registration resource selected at a first location;

receiving at the second location asst to assign the first registration resource to a customer;

determining at the second location that the first registration resource is already assigned to another customer;

returning to the first location an error;

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receiving at the second location a registration resource selected at the first location (step 410);

receiving at the second location a request to assign the registration resource to the customer (resource available);

determining at the second location that the registration resource is not already assigned to another customer; and

assigning the registration resource to the customer.

Taylor fails to teach the first location register a second time (second registration). Sawyer teaches a second registration (col.2, lines 46-65). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Sawyer into the system of Taylor in order to manage temporary mobile station identity parameters in a radio telecommunications network.

As to claim 13, the claim is a computer software claim of claim 9; therefore, claim 13 is interpreted and rejected as set forth as claim 9.

As to claim 21, the claim is a system claim of claim 9; therefore, claim 21 is interpreted and rejected as set forth as claim 9.

5. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Taylor and Sawyer in view of Hulthen (US 6,073,016).

As to claim 6, the combination of Taylor and Sawyer teaches the method of claim 5 wherein selecting the first and second registration MSISDN numbers further comprises selecting the first and second registration MSISDN numbers, the combination of Taylor and Sawyer fails to teach using one of a random and pseudo-random

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selection process. Hulthen teaches using one of a random and pseudo-random selection process (figure 5, step 290). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Hulthen into the system of Tayloe and Sawyer in order to assign the mobile communication unit with an available identification code if any available.

Allowable Subject Matter

Claims 8, 10, 14, 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

As to claims 8, 10, 14, 22, the teaching of above prior arts either alone or in combination fails to teach further comprising communicating service options to the customer, the second location releasing the assignment of the second registration MSISDN upon a selection of a service plan by the customer and the second location assigning a service MSISDN to the customer.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. Tetrick (US 6,003,112) teaches memory control and method for clearing or copy memory utilizing register data files to store address information.

B. Cook et al (US 6,266,523) method and system for dynamically assigning features and users to wireline interfaces.

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C. Cassidy et al (US 5,625,885) teaches method for non registered communication units to access a communication system.

D. Sasuta (US 5,483,672) teaches method for communication unit that conserve source energy.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C LE whose telephone number is 571-272-7868. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'danh', is written over a horizontal line.

May 28, 2005

DANH CONG LE
PATENT EXAMINER